(1) GENERAL INFORMATION

- (i) APPLICANT: Lin et al.
- (ii) TITLE OF INVENTION: Glial Derived Neurotrophic Factor
- (iii) NUMBER OF SEQUENCES: 24
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Beaton & Swanson, P.C.
 - (B) STREET: 4582 South Ulster Street Parkway, Suite #403
 - (C) CITY: Denver
 - (D) STATE: Colorado
 - (E) COUNTRY: USA
 - (F) ZIP: 80237
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
 - (B) COMPUTER: IBM compatible
 - (C) OPERATING SYSTEM: MS DOS
 - (D) SOFTWARE: Wordperfect 5.1
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/182,183
 - (B) FILING DATE: 5-MAY-1994
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 07/788,423, 07/774,109, 07/764,685
 - (B) FILING DATE: 06-NOV-1991, 08-OCT-1991, 20-SEP-1991
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Barry J. Swanson
 - (B) REGISTRATION NUMBER: 33,215
 - (C) REFERENCE/DOCKET NUMBER: SYNE-225C3
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (303) 850-9900
 - (B) TELEFAX: (303) 850-9401
- (2) INFORMATION FOR SEQ ID NO:1
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 25 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
 - (v) FRAGMENT TYPE: N-terminal fragment
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
- Ser Pro Asp Lys Gln Ala Ala Ala Leu Pro Arg Arg Glu Arg Asn Xaa 5 10 15
- Gln Ala Ala Ala Ser Pro Asp Asn

			20					25						-			•
(2)	INF	ORM	ATIO1	N FO	R SE	Q ID	NO:	2				,	: .				
	(i)	() ()	4)] 3) !	LENG' LYPE	CHAR IH: LOGY	13 am:	ami ino a	ICS: no ac acid	cids	:							
	(v)	FI	RAGMI	ENT !	TYPE	: int	tern	al f	ragm	ent							
	(ix) FI	IUTA	RE:	Kaa .	is e	ithe	r Ly	sor	Gln							• .
	(xi) SI	EQUEI	NCE I	DESC	RIPT:	ON:	SEQ	ID I	NO:2	: -						•
Asp	Xaa	Ile	Leu	Lys	Asn	Leu	Gly	Arg	Val	Arg	Arg	Leu					
(2)	INF	ORM	OITA	FOI	R SE	Q ID	NO:	3	•		· . /		~·.		•		
	(i)	(<i>I</i> (E	A) I 3) I C) S	LENGT TYPE : STRAI	rH: 9	900 l cleic NESS:	case cac: si	id ngle	rs								
		(1	•	NAME,				,	id fo		•	DNF					
ccc	CCGGG	CT G	CAGO	SAATT	rc Go	GG (GTC :	FAC (Gly A	GAC (Asp 1	Arg :	Ile 1	Arg (Gly A	GCC (Ala 1-85	GCC Ala	54
GCC Ala	GGA Gly	CGG Arg	GAC Asp -80	TCT Ser	AAG Lys	ATG Met	AAG Lys	TTA Leu -75	TGG	GAT	GTC	Val	GCT Ala -70	GTC Val	TGC Cys		102
CTG Leu	GTG Val	TTG Leu -65	CTG Leu	CAC His	ACC Thr	GCG Ala	TCT Ser -60	GCC Ala	TTC Phe	CCG Pro	CTG Leu	CCC Pro -55	GCC Ala	GGT Gly	AAG Lys		150
AGG Arg	CTT Leu -50	CTC Leu	GAA Glu	GCG Ala	CCC Pro	GCC Ala -45	GAA Glu	GAC Asp	CAC His	TCC Ser	CTC Leu -40	Gly	CAC His	CGC	CGC Arg		198
GTG Val -35	CCC Pro	TTC Phe	GCG Ala	CTG Leu	ACC Thr -30	AGT Ser	GAC Asp	TCC Ser	AAT Asn	ATG Met -25	Pro	GAA Glu	GAT Asp	TAT Tyr	CCT Pro -20	·	246
GAC Asp	CAG Gln	TTT Phe	GAT Asp	GAC Asp -15	GTC Val	ATG Met	GAT Asp	TTT Phe	ATT Ile -10	CAA Gln	GCC Ala	ACC Thr	ATC Ile	AAA Lys -5	AGA Arg		296

CTG Leu	AAA Lys	AGG Arg	TCA Ser 1	CCA Pro	GAT Asp	AAA Lys	CAA Gln 5	GCG Ala	GCG Ala	GCA Ala	CTT Leu	CCT Pro 10	CGA Arg	AGA Arg	GAG Glu	342
AGG Arg	AAC Asn 15	CGG Arg	CAA Gln	GCT Ala	GCA Ala	GCT Ala 20	GCC Ala	AGC Ser	CCA Pro	GAG Glu	AAT Asn 25	TCC Ser	AGA Arg	GGG Gly	AAA Lys	390
GGT Gly 30	CGC Arg	AGA Arg	GGC Gly	CAG Gln	AGG Arg 35	Gly	AAA Lys	AAT Asn	CGG Arg	GGG Gly 40	TGC Cys	GTC Val	TTA Leu	ACT Thr	GCA Ala 45	438
ATA Ile	CAC His	TTA Leu	AAT Asn	GTC Val 50	ACT Thr	GAC Asp	TTG Leu	GGT Gly	TTG Leu 55	GGC Gly	TAC Tyr	GAA Glu	ACC Thr	AAG Lys 60	GAG Glu	 486
GAA Glu	CTG Leu	ATC Ile	TTT Phe 65	CGA Arg	TAT Tyr	TGT Cys	AGC Ser	GGT Gly 70	TCC Ser	TGT Cys	GAA Glu	GCG Ala	GCC Ala 75	GAG Glu	ACA Thr	534
ATG Met	TAC Tyr	GAC Asp 80	Lys	ATA(CTA <i>I</i> Leu	AAA <i>I</i> Lys	AAT C Asn 85	TG I Leu	CT (Ser	CGA A	AGT <i>I</i> Ser	AGA A Arg 90	AGG (Arg	TA I Leu	ACA Thr	582
AGT Ser	GAC Asp 95	AAG Lys	GTA Val	GGC Gly	CAG Gln	GCA Ala 100	TGT Cys	TGC Cys	AGG Arg	CCG Pro	GTC Val 105	GCC Ala	TTC Phe	GAC Asp	GAC Asp	630
GAC Asp 110	CTG Leu	TCG Ser	TTT Phe	TTA Leu	GAC Asp 115	GAC Asp	AGC Ser	CTG Leu	GTT Val	TAC Tyr 120	CAT His	ATC Ile	CTA Leu	AGA Arg	AAG Lys 125	678
	TCC Ser								TGA	CCCI	rggc	rcc 1	\GAGI	ACTG(CT	728
GTG:	TATT	GCA :	rtcc:	rgctz	AC AG	CTGC	SAAG	AA A	GGA	CCAA	GGT	rccc <i>i</i>	AGG A	AATI	ATTTGC	788
CCA	SAAAC	GGA A	AGAT	AAGG	AC C	AAGA	AGGC	A GAC	GCA	GAGG	CGGZ	AAGAZ	AGA A	AGAA(GAAAAG	848
AAG	GACG2	AAG (GCAG	CCAT	CT G	rgggz	AGCC	r GTA	AGAAC	GGAG	GCC	CAGC	rac <i>i</i>	\G		900

(2) INFORMATION FOR SEQ ID NO:4

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 134 amino acid residues
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ix) FEATURE:
 - (A) NAME/KEY: inferred amino acid sequence for mature rat GDNF
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Ser 1	Pro	Asp	Lys	Gln 5	Ala	Ala	Ala	Leu	Pro 10	Arg	Arg	Glu	Arg	Asn 15	Arg			
Gln	Ala	Ala	Ala 20	Ala	Ser	Pro	Glu	Asn 25	Ser	Arg	Gly	Lys	Gly 30	Arg	Arg			
Gly	Gln	Arg 35	Gly	Lys	Asn	Arg	Gly 40	Cys	Val	Leu	Thr	Ala 45	Ile	His	Leu			
Asn	Val 50	Thr	Asp	Leu	Gly	Leu 55	Gly	Tyr	Glu	Thr	Lys 60	Glu	Glu	Leu	Ile			
Phe 65		Tyr	Cys	Ser	Gly 70	Ser	Cys	Glu	Ala	Ala 75		Thr	Met	Tyr	Asp 80	/	٠	•
Lys	Ile	Leu	Lys	Asn 85	Leu	Ser	Arg	Ser	Arg 90	Arg	Leu	Thr	Ser	Asp 95	Lys	•	•	
Val	Gly	Gln	Ala 100	Суз	Cys	Arg	Pro	Val 105	Ala	Phe	Asp	Asp	Asp 110	Leu	Ser		•	
Phe	Leu	Asp 115	Asp	Ser	Leu	Val	Tyr 120	His	Ile	Leu	Arg	Lys 125	His	Ser	Ala			
Lys	Arg 130	Cys	Gly	Cys	Ile													
(2)	INI	ORM	TIOI	I FOI	R SEC	DID	NO:5	5				**						
	(i)	(2		LENG	TH: 5	62 k	RISTI pase caci	pair	s		*		·			,		
		•				NESS:	sir near	ıgle										
	(i		EATUI 1 (<i>E</i>	RE: NAME	KEY:	nuc	cleic	aci	id se	equer	nce f	Eor h	numar	ı GDİ	1F			· ·
	(x:	L) SI	EQUE	ICE I	DESCI	RIPTI	ON:	SEQ	ID 1	10:5:	: ;							
ATT:	PTCTC	CTT T	rtcti	TTTT(SA AC	AGC	CAA Z Ası	T ATO	CCP Pro	A GAG	GAT 1 Asp	TAT Tyr	CCI Pro	GAT Asp	CAG Gln	•		53
TTC Phe	GAT Asp	GAT Asp	GTC Val	ATG Met	GAT Asp	TTT Phe	ATT Ile	CAA Gln	GCC Ala	ACC Thr	ATT Ile	AAA Lys	AGA Arg	CTG Leu	AAA Lys			101
AGG Arg	TCA Ser 1	CCA Pro	GAT Asp	AAA Lys	CAA Gln 5	ATG Met	GCA Ala	GTG Val	CTT Leu	CCT Pro 10	AGA Arg	AGA Arg	GAG Glu	CGG Arg	AAT Asn 15			149
										TCC Ser								197

								GGT Gly 40									245
TTA Leu	AAT Asn	GTC Val 50	ACT Thr	GAC Asp	TTG Leu	GGT Gly	CTG Leu 55	GGC Gly	TAT Tyr	GAA Glu	ACC Thr	AAG Lys 60	GAG Glu	GAA Glu	CTG Leu		293
								TGC Cys									341
								AGA Arg									389
AAA Lys	GTA Val	GGG Gly	CAG Gln	GCA Ala 100	TGT Cys	TGC Cys	AGA Arg	CCC Pro	ATC Ile 105	GCC Ala	TTT Phe	GAT Asp	GAT Asp	GAC Asp 110	CTG Leu	·	437
TCG Ser	TTT Phe	TTA Leu	Asp	GAT Asp	Asn	CTG Leu	Val	TAC Tyr	His	ATT Ile	CTA Leu	AGA Arg	AAG Lys	His	TCC Ser		485
	AAA Lys	Arg					TGA	CTC	GGC1	CC I	AGAGA	ACTGO	CT GT	rgta:	rtgca		539
TTCC	CTGCI	AC I	AGTG(CAAAC	A A	\G											562
(2)	INE	ORM	ATIOI	N FOI	R SEÇ	O ID	NO: 6	5.									
	(i)	(<i>I</i>	4) I	ENGT	TH: I	l34 a	mino	CS:	ld re	esidu	ies					•	
	(1)	•	EATUI	RE:			-	•			•					human	CDME
		•	•									luenc	e 10	or me	acure	human	GDNF
	•	•	_					SEQ					_	_	•		
Ser 1	Pro	Asp	Lys	Gln 5	Met	Ala	Val	Leu	Pro 10	Arg	Arg	Glu	Arg	Asn 15	Arg		
Gln	Ala	Ala	Ala 20	Ala	Asn	Pro	Glu	Asn 25	Ser	Arg	Gly	Lys	Gly 30	Arg	Arg		
Gly	Gln	Arg 35	Gly	Lys	Asn	Arg	Gly 40	Cys	Val	Leu	Thr	Ala 45	Ile	His	Leu		
Asn	Val 50	Thr	Asp	Leu	Gly	Leu 55	Gly	Tyr	Glu	Thr	Lys 60	Glu	Glu	Leu	Ile		

65 70	Ser Cys Asp Ala	75	Tyr Asp 80
Lys Ile Leu Lys Asn Leu 85	Ser Arg Asn Arg 90	Arg Leu Val Ser	Asp Lys 95
Val Gly Gln Ala Cys Cys 100	Arg Pro Ile Ala 105	Phe Asp Asp Asp 110	Leu Ser
Phe Leu Asp Asp Asn Leu 115	Val Tyr His Ile 120	Leu Arg Lys His 125	Ser Ala
Lys Arg Cys Gly Cys Ile 130			
(2) INFORMATION FOR SEQ	ID NO:7		•
(B) TYPE: nuc	O base pairs leic acid ESS: single		
(D) OTHER INF		positions 3, 15,	and 18 is inosine
/!\ CDOUDMOD DECCD	IPTION: SEO ID 1	NO:7:	
(xi) SEQUENCE DESCR			0.0
CCNGAYAARC ARGCNGCNGC			20
, ,	. ·		20
CCNGAYAARC ARGCNGCNGC (2) INFORMATION FOR SEQ (i) SEQUENCE CHARA (A) LENGTH: 2 (B) TYPE: nuc	ID NO:8 CTERISTICS: 23 base pairs leic acid ESS: single		20
CCNGAYAARC ARGCNGCNGC (2) INFORMATION FOR SEQ (i) SEQUENCE CHARA (A) LENGTH: 2 (B) TYPE: nuc (C) STRANDEDN (D) TOPOLOGY: (ix) FEATURE:	ID NO:8 CTERISTICS: 23 base pairs leic acid ESS: single linear	equence for human	
CCNGAYAARC ARGCNGCNGC (2) INFORMATION FOR SEQ (i) SEQUENCE CHARA (A) LENGTH: 2 (B) TYPE: nuc (C) STRANDEDN (D) TOPOLOGY: (ix) FEATURE:	ID NO:8 CTERISTICS: 23 base pairs leic acid ESS: single linear nucleic acid se	equence for human	
CCNGAYAARC ARGCNGCNGC (2) INFORMATION FOR SEQ (i) SEQUENCE CHARA (A) LENGTH: 2 (B) TYPE: nuc (C) STRANDEDN (D) TOPOLOGY: (ix) FEATURE: (A) NAME/KEY:	ID NO:8 CTERISTICS: 23 base pairs leic acid ESS: single linear nucleic acid se IPTION: SEQ ID 1	equence for human NO:8:	GDNF GG GAC TTT 55
CCNGAYAARC ARGCNGCNGC (2) INFORMATION FOR SEQ (i) SEQUENCE CHARA (A) LENGTH: 2 (B) TYPE: nuc (C) STRANDEDN (D) TOPOLOGY: (ix) FEATURE: (A) NAME/KEY: (xi) SEQUENCE DESCR	ID NO:8 CTERISTICS: 23 base pairs leic acid ESS: single linear nucleic acid se IPTION: SEQ ID N GCCCGCGC A GGT C Gly N	equence for human NO:8: GCC GCC GCC GGA C Ala Ala Ala Gly A -5	GDNF GG GAC TTT 55 rg Asp Phe CTC CAC 103

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- 2	n
3	u

CCC Pro	GCC GA Ala Gl	AA GAC Lu Asp 35	CGC Arg	TCC Ser	CTC Leu	GGC Gly	CGC Arg 40	CGC Arg	CGC Arg	GCG Ala	CCC Pro	TTC Phe 45	GCG Ala	CTG Leu		199
	AGT GA Ser As		\AGA <i>I</i>	ACC G	TTC(C										223
(2)	INFOR	OITAM	N FOE	R SEÇ	Q ID	NO:	9						,			
	(i)	(B) 5 (C) 5	LENGT	TH: 1 nuc NDEDN	l2 ba :leic NESS:	ase p c ac:	pair: id	S						.		
	(ix)	FEATUI	RE: NAME/	KEY:	: li	nker										
	(xi)	SEQUE	NCE I	DESCI	RIPT:	ion:	SEQ	ID 1	NO:9	:						
CCCG	AATTC	GG							÷							. 12
(2)	INFOR	RMATIO	v FOI	R SEÇ	Q ID	NO:	10			*						
	(i)	(B) :		H: 7	no a	ino a acid	acid	res	idues	5						
	(xi)	SEQUE	NCE I	DESCI	RIPT	ION:	SEQ	ID :	NO:10	0:						
Pro	Asp Ly	ys Gln	Ala	Ala	Ala	,									٠.	
(2)	INFO	RMATIO	N FOI	R SEÇ	Q ID	NO:	11									
÷	(i)	(B) ! (C) !	LENG' TYPE	rH: 3 : nuc NDEDI	33 b clei NESS	ase c ac : si	pair id ngle									
	(ix)	FEATU	RE: NAME	/KEY	: nu	clei	c ac	id s	eque	nce :	from	pBl	uesc	ript	SK-76.	1
	(xi)	SEQUE	NCE I	DESCI	RIPT	ion:	SEQ	ID	NO:1	1:					•	
GAG	AGG A	AC CGG	CAA	GCT	GCW	GMW	GYM	WGM	CCW							33
(2)	INFO	RMATIO	N FO	R SE	Q ID	NO:	12									
٠	(i)	SEQUE	NCE (CHAR	ACTE	RIST	ics:			. 22 - N						

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:	
(2) INFORMATION FOR SEQ ID NO:13	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
<pre>(ix) FEATURE: (A) NAME/KEY: oligonucleotide DHD-26 (D) OTHER INFORMATION: N at positions 9 and 12 are inos</pre>	ine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
ARRTTYTTNA RNATYTTRTC	20
(2) INFORMATION FOR SEQ ID NO:14	•
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 7 amino acid residues (B) TYPE: amino acid (D) TOPOLOGY: linear 	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:	•
Asp Lys Ile Leu Lys Asn Leu	·
2) INFORMATION FOR SEQ ID NO:15	
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
<pre>(ix) FEATURE: (A) NAME/KEY: oligonucleotide primer PD1</pre>	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
SACGGGACTC TAAGATG	17
2) INFORMATION FOR SEQ ID NO:16	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs	

(A) LENGTH: 11 amino acid residues

		(C)	STRANDEDNESS: single TOPOLOGY: linear		
	(ix)	FEAT (A) (D)	NAME/KEY: oligonucleotide primer DHD23	is inosine	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:16:		
GCNG	CNGCY:	r Gyt	TRTCNGG		20
(2)	INFO	RMATIO	ON FOR SEQ ID NO:17		
	(i)	(A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear		
	(ix)	FEATU	URE: NAME/KEY: oligonucleotide primer LF2	-	. •
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:17:		
CGAG	ACAAT	G TAC	GACA	i jane	17
(2)	INFO	RMATIC	ON FOR SEQ ID NO:18		
	(i)	(A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear		
	(ix)	FEAT	URE: NAME/KEY: oligonucleotide primer PD2		
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:18:		
CTCT	GAGC	C AGG	GTCA		17
(2)	INFO	RMATIO	ON FOR SEQ ID NO:19		
	(i)	(.A.)	TYPE: nucleic acid		
	(ix)	FEAT	URE: NAME/KEY: oligonucleotide primer PD1		
	_(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:19:	the service of the se	

(2)	INFO	RMATION FOR SEQ ID NO:20	
i	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	FEATURE: (A) NAME/KEY: oligonucleotide primer LFA	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:20:	
CGGT	GGCCA	G AGGGAGTGGT CTTC	24
(2)	INFO	RMATION FOR SEQ ID NO:21	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 46 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	FEATURE: (A) NAME/KEY: oligonucleotide primer PD3	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:21:	
CGCG	GATCC	A ATAAGGAGGA AAAAAAATGT CACCAGATAA ACAAAT	46
(2)	INFO	RMATION FOR SEQ ID NO:22	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	FEATURE: (A) NAME/KEY: oligonucleotide primer PD4	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:22:	
CGCG	GTACC(C AGTCTCTGGA GCCGGA	26
(2)	INFO	RMATION FOR SEQ ID NO:23	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	

	(ix)	FEATURE: (A) NAME/KEY: adapter fragment for plasmid pCJ1	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:23:	
GATCT	'AGAA'	T TGTCATGTTT GACAGCTTAT CAT	33
(2)	INFO	RMATION FOR SEQ ID NO:24	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
	(ix)	FEATURE: (A) NAME/KEY: polylinker sequence for plasmid pCJX1-1	
·	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:24	
AATTC	CCGG	G TACCAGATCT GAGCTCACTA GTCTGCA	37

Date: July 19, 1994 Applicant: Lin et al. Serial NO. 08/182,183

For: Glial Derived Neurotrophic FActor

RECEIPT IS HEREBY ACKNOWLEDGED OF Reply to Notice to File Missing Parts; Statement Under 37 CFR 1.821(f) and 3 1/2 inch floppy disc; and Statement Under 37 CFR Section 1.125.



BEATON & SWANSON, P.C. 4582 S. Ulster St. Pkwy., #403 Denver, CO 80237